INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2004/000371

Α.	CLASSIFICATION OF SUBJECT MATTER								
_	B81B 7/00, 1/00; B01D 61/42	•							
		Attended to the Land							
	International Patent Classification (IPC) or to both n	ational classification and IPC							
	FIELDS SEARCHED mentation searched (classification system followed by cla	sciffaction graphetal							
	mentation searched (classification system followed by cla	ssincation symbols)							
Documentation	searched other than minimum documentation to the exter	nt that such documents are included in the fields s	searched						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPAT, INSPEC keywords: actuat; electroosmo, electric double layer, EDL, electrokinetic; piston, plunger; micro, nano, miniatur; fluid, liquid, electroly; pressure, force, push; electric field; IPC: B81B/-, B01D61/42									
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category*	Citation of document, with indication, where appro	opriate, of the relevant passages	Relevant to claim No.						
х	US 6537437 B1 (GALAMBOS et al.) 25 Ma Column 15 line 28 – column 17 line 39; Figs.		1-2, 9, 11, 14-17, 24, 26, 29						
A	US 6277257 B1 (PAUL et al.) 21 August 20 Whole document, in particular, column 4 line								
Р, А	LASER D J and SANTIAGO J G, A review of Micromechanics and Microengineering, vol. published 19 April 2004 See pages R54-R56								
F	urther documents are listed in the continuation	of Box C X See patent family	annex						
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory									
•	underlying the invention document of particular relevance; the claimed invention cannot be considered novel al filing date "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone								
or which another o									
"O" document referring to an oral disclosure, use, exhibition or other means "&" document member of the same patent family "P" document published prior to the international filing date									
Date of the actual completion of the international search Date of mailing of the international search report, 2 pp 2005									
27 January 2	•		' 2 FEB 2005						
Name and mail	ng address of the ISA/AU	Authorized officer							
PO BOX 200, V	PATENT OFFICE WODEN ACT 2606, AUSTRALIA pct@ipaustralia.gov.au (02) 6285 2020	JULIA HU							
· acammic No.	(A7) A2A2 7A2A	Telephone No : (02) 6283 2754	<u> </u>						



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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

	t Document Cited in Search Report			Pate	ent Family Member		
US	6537437	US	6797187				
US	6277257	AU	33783/00	EP	1169573	US	6013164
		US	6019882	US	6224728	US	6572749
		wo	0055502				•

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX